

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-023456

(43)Date of publication of application : 26.01.2001

(51)Int.Cl.

H01B 11/18

H01B 1/02

H01B 7/04

(21)Application number : 11-191718

(71)Applicant : SUMITOMO ELECTRIC IND LTD

(22)Date of filing : 06.07.1999

(72)Inventor : SATO KAZUHIRO

YOKOI KIYONORI

CHIBA YUKIFUMI

(54) COAXIAL CABLE STRAND, COAXIAL CABLE, AND COAXIAL CABLE BUNDLE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a coaxial cable strand, a coaxial cable, and a bundle of coaxial cables having a sufficient resistance against bending, capable of preventing the connection part from severance and short-circuiting effectively, and excellent in economy.

SOLUTION: This coaxial cable strand 1 is composed of a center conductor 11, an insulating member 12 surrounding the center conductor 11, and an external conductor 13 surrounding the insulating member 12, wherein the center conductor 11 is formed of a single wire of a metal material containing copper and silver, having a tensile strength of 120 kgf/mm² and an electric conductivity of 60-90% IACS. A coaxial cable 2 and a bundle of coaxial cables are formed of the strand 1.

